

## MRI DEVICE

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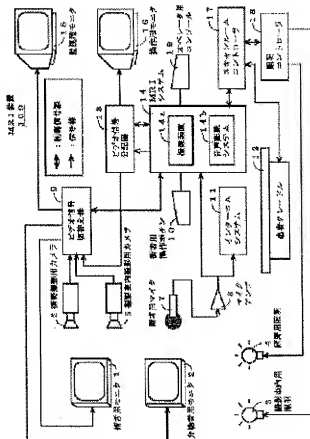
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### Abstract of JP2000185022

**PROBLEM TO BE SOLVED:** To allow a surgeon to control an MRI device without via an operator even under a condition in which the surgeon cannot touch a surgeon's operating button. **SOLUTION:** The voice of a surgeon is input by means of a surgeon microphone 7 as voice signals. The voice signals are amplified by a microphone amplifier 8 for input to a voice recognition system 14b. The voice recognition system 14b converts the surgeon's input voice signals from analog to digital form and then converts them into lines of letters by virtue of voice recognition software. When the lines of letters coincide with prepared commands, the voice recognition system 14b transmits the commands to all the parts (video signal switch 9, video signal distributor 13, MRI system 14, scan room controller 17, illumination controller 18, and the like) or an MRI device 100. All the parts of the MRI device 100 operate in accordance with the commands.



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